

62310\_Seq\_Listing.txt  
SEQUENCE LISTING

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<120> METHODS FOR THE DETECTION OF NUCLEIC ACID DIFFERENCES

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<140> 10/590,541  
<141> 2006-08-25

<150> PCT/US05/09391  
<151> 2005-03-22

<150> 60/619,817  
<151> 2004-10-18

<150> 60/555,167  
<151> 2004-03-22

<160> 67

<170> PatentIn version 3.5

<210> 1  
<211> 36  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
primer

<400> 1  
gtaaaacgac ggccagggag agaggcctgc tgaaaa 36

<210> 2  
<211> 37  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
primer

<400> 2  
caggaaacag ctatgacttg gatcatattc gtccaca 37

<210> 3  
<211> 66  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 3  
actgtaaac gacggccagt gttcccctca aactggcaga tgcacgcttg tggtagttgg 60

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agctgt 66

<210> 4  
 <211> 66  
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 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
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 agctga 66

<210> 5  
 <211> 67  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 oligonucleotide

<400> 5  
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 ggagttc 67

<210> 6  
 <211> 65  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 oligonucleotide

<400> 6  
 actgtaaac gacggccagt gtcgtattac cgcggctgct ggcacctgt ggtagttgga 60  
 gctgg 65

<210> 7  
 <211> 40  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 oligonucleotide

<400> 7  
 tggcgtaggc aagagtgctt ggtcatagct gttcctgca 40

<210> 8

# 62310\_Seq\_Listing.txt

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<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
        oligonucleotide

<400> 8
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<210> 9
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
        primer

<400> 9
ctgtaaaacg acggccagtg
20

<210> 10
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
        primer

<400> 10
tgcaggaaac agctatgacc a
21

<210> 11
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
        probe

<400> 11
tcccctcaaa ctggcagatg cacg
24

<210> 12
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
        probe

<400> 12
cgtattaccg cggctgctgg cac
23

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# 62310\_Seq\_Listing.txt

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<210> 13
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
        oligonucleotide

<400> 13
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aca                                                                                   63

<210> 14
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
        oligonucleotide

<400> 14
gtttgtgcc tgcctctgga gtggtcatag ctgttcctg ca                               42

<210> 15
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
        oligonucleotide

<400> 15
actgtaaaac gacggccagt gttccctca aactggcaga tgcacgcga gggttaaaaa      60
aggac                                                                                   65

<210> 16
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
        oligonucleotide

<400> 16
actgtaaaac gacggccagt gttccctca aactggcaga tgcacgcga gggttaaaaa      60
aggaa                                                                                   65

<210> 17
<211> 49
<212> DNA
<213> Artificial Sequence

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# 62310\_Seq\_Listing.txt

<220>  
 <223> Description of Artificial Sequence: Synthetic  
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<400> 17  
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<210> 18  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 primer

<400> 18  
 ggagagaggc ctgctgaaaa 20

<210> 19  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 primer

<400> 19  
 aatgattctg aattagctgt atcgta 27

<210> 20  
 <211> 26  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 primer

<400> 20  
 aatataaact tgtggtagtt ggacct 26

<210> 21  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 primer

<400> 21  
 tcaaagacaa ggcgatatgc t 21

<210> 22  
 <211> 20

# 62310\_Seq\_Listing.txt

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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 22
ccctgacata ctccaagga                                20

<210> 23
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 23
gaacctccga gatcgaaga                                19

<210> 24
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 24
gcactgcctc tgtaattgt                                20

<210> 25
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 25
agacttctgg gaagttcaat                                20

<210> 26
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 26
tggagaaaat tagtagattt                                20

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# 62310\_Seq\_Listing.txt

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<210> 27
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 27
atccctgggt aaatctgact                                20

<210> 28
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide

<400> 28
actgtaaac gacggccagt gtccccccta aactggcaga tgcacgagga ataccacatc    60
cagcaggtct aaaaaaggac                                              80

<210> 29
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide

<400> 29
aaatcagtaa cagtactaga tgtgggggtg gtcatagctg tttcctgca              49

<210> 30
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide

<400> 30
actgtaaac gacggccagt gtccccccta aactggcaga tgcacgagga ataccacatc    60
ctgcagggct aaaaaaggac                                              80

<210> 31
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      Page 7

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## oligonucleotide

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<400> 31
aaatcagtaa cagtactgga tgtgggtgtg gtcatactgt tttcctgca 49

<210> 32
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 32
cgcagggtta aaaaagaaaa aatcagtaac agtactggat gtgggtg 47

<210> 33
<211> 47
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 33
cgcagggtta aaaaagaaaa aatcagtaac agtactggat gtgggtg 47

<210> 34
<211> 47
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 34
cgcagggtta aaaaagaaca agtcagtaac matactggat gtgggtg 47

<210> 35
<211> 47
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 35
ygcagggttr aaaaagaaaa aatcagtaac agtactrgat gtgggtg 47

<210> 36
<211> 47
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 36
cgcagggtta aaraagaara artcagtaac agtwctggat gtgggtg 47

<210> 37
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

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# 62310\_Seq\_Listing.txt

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<400> 37
cgatctctaa cgcgcaagcg                                20

<210> 38
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
        oligonucleotide

<400> 38
cgatttttaa cgcgtaagcg                                20

<210> 39
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
        oligonucleotide

<400> 39
cgcttacgcg ttaaaaatcg                                20

<210> 40
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
        oligonucleotide

<400> 40
tgatttttaa tgtgtaagtg                                20

<210> 41
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
        oligonucleotide

<400> 41
tagtggacc  tgatggcgta ggca                            24

<210> 42
<211> 62
<212> DNA
<213> Artificial Sequence

<220>

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<223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 42 aggaataccg catccagcag gtttaaaaaa gaacaaatca gtaacagtac tagatgtggg gg	60 62
<210> 43 <211> 62 <212> DNA <213> Human immunodeficiency virus type 1	
<400> 43 aggaatacca catccagcag gtctaaaaaa ggacaaatca gtaacagtac tagatgtggg gg	60 62
<210> 44 <211> 62 <212> DNA <213> Human immunodeficiency virus type 1	
<400> 44 aggaatacca catccagcag gtctaaaaaa gaacaaatca gtaacagtac tagatgtggg gg	60 62
<210> 45 <211> 62 <212> DNA <213> Human immunodeficiency virus type 1	
<400> 45 aggaataccg caccctgcag gtttaaaaaa gaacaaatca gtaacagtac tagatgtggg gg	60 62
<210> 46 <211> 62 <212> DNA <213> Human immunodeficiency virus type 1	
<400> 46 aggaataccg catccagcgg gcctaaaaaa gaacaaatca gtaacagtac tagatgtggg gg	60 62
<210> 47 <211> 62 <212> DNA <213> Human immunodeficiency virus type 1	
<400> 47 aggaatacca catccagcgg gcttaaaaaa gaacaaatca gtaacagtac tagatgtggg gg	60 62

# 62310\_Seq\_Listing.txt

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<210> 48
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 48
aggaatacca catcctgcag ggctaaaaaa gaacaaatca gtaacagtac tggatgtggg      60
gg                                                                    62

<210> 49
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 49
aggaataaccg catccagcgg gcctaaaaaa gaamaaatca gtaacagtac tagatgtggg      60
gg                                                                    62

<210> 50
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 50
aggaataaccg catccgcgag gtttaaaaaa gaamaaatca gtaacagtac tggatgtggg      60
gg                                                                    62

<210> 51
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 51
aggaataaccg catccagcgg gcttaaaaaa gaamaaatca gtaacagtac tagatgtagg      60
gg                                                                    62

<210> 52
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 52
aggaataaccg catccgcgag gtttaaaaaa gaaaaaatca gtaacagtac tagatgtggg      60
gg                                                                    62

<210> 53
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 53
aggaataaccg catccgcgag gtttaaaaaa gaacaaatca gtaacagtcg tagatgtggg      60

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## 62310\_Seq\_Listing.txt

gg	62
<210> 54	
<211> 62	
<212> DNA	
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<220>	
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tg	62
<210> 55	
<211> 62	
<212> DNA	
<213> Human immunodeficiency virus type 1	
<400> 55	
aggaataacca catcctgcag ggctaaaaaa ggacaaatca gtaacagtac tggatgtggg	60
tg	62
<210> 56	
<211> 62	
<212> DNA	
<213> Human immunodeficiency virus type 1	
<400> 56	
aggaataacca catcctgcag ggctaaaaaa gaacaaatca gtaacagtac tggatgtggg	60
tg	62
<210> 57	
<211> 62	
<212> DNA	
<213> Human immunodeficiency virus type 1	
<400> 57	
aggaataacca catcctgcag ggctaaaaaa gaacaaatca gtaacagtac tagatgtggg	60
tg	62
<210> 58	
<211> 62	
<212> DNA	
<213> Human immunodeficiency virus type 1	
<400> 58	
agggataacca catccagcag ggctaaaaaa gaacaaatca gtaacagtac tggatgtggg	60
tg	62

## 62310\_Seq\_Listing.txt

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<210> 59
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 59
aggaataccr catcctgcag ggctaaaaaa gaamaaatca gtaacagtac tggatgtggg      60
tg                                                                    62

<210> 60
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 60
agggataccg catcctgcag ggctaaaaaa gaahaaatca gtaacagtac tggatgtggg      60
tg                                                                    62

<210> 61
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 61
aggaatacca catcctgcag ggctaaaaaa gaamaaatca gtaacagtac tggatgtggg      60
tg                                                                    62

<210> 62
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 62
aggaatacca catcctgcag gactaaaaaa gaamaaatca gtaacagtac tggatgtggg      60
tg                                                                    62

<210> 63
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 63
aggaatacca catcctgcag ggytaaaaaa gaahaaatca gtaacagtwc tggatgtggg      60
tg                                                                    62

<210> 64
<211> 62
<212> DNA
<213> Human immunodeficiency virus type 1

<400> 64
aggaatacca catcctgcag ggctgaaaaa gaaaaaatca gtaacartac tggatgtggg      60

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	62310_Seq_Listing.txt	
tg		62
<210>	65	
<211>	62	
<212>	DNA	
<213>	Human immunodeficiency virus type 1	
<400>	65	
aggaatacca catcctgcag ggctaaaaaa gaaaaaatca gtaacagtac tggatgtggg		60
tg		62
<210>	66	
<211>	62	
<212>	DNA	
<213>	Human immunodeficiency virus type 1	
<400>	66	
aggaataaccg catcctgcag ggctaaaaaa gaawaaatca gtaacagtac tggatgtggg		60
tg		62
<210>	67	
<211>	62	
<212>	DNA	
<213>	Human immunodeficiency virus type 1	
<400>	67	
aggaatacca catcctgcag ggctaaaaaa gaaaaaatca gtaacagtac tggatgtggg		60
tg		62